

## EUROPEAN PATENT OFFICE

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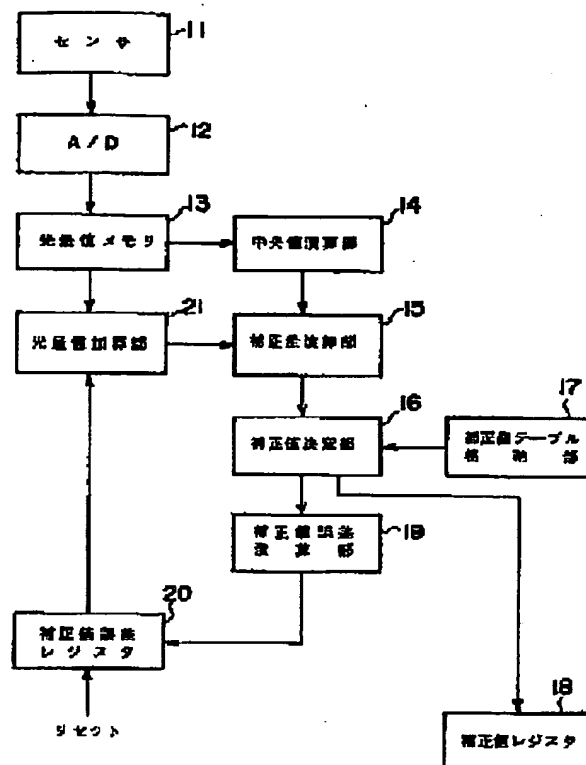
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TITLE : METHOD AND APPARATUS FOR  
CORRECTING PRINT ENERGY



**ABSTRACT :** PROBLEM TO BE SOLVED: To correct print energy below the correctable range thereof even if a predetermined correctable range is exceeded by applying print energy uncorrectable for one print element to a neighboring print element.

**SOLUTION:** A central value operating section 14 operates a correction target value, i.e. a central value, from the maximum and minimum values 111 the measurements of the quantity of light from respective light emitting elements. A correction quantity operating section 15 operates a required correction quantity from the central value and the quantity of light of each light emitting elements stored in a quantity of light memory 13. A correction quantity determining section 16 selects a correction quantity closest to the required quantity with reference to a correction quantity table storing section 17. Subsequently, a correction quantity error operating section 19 determines the difference between a corrected quantity and the central value. A quantity of light adding section 21 adds the difference to the quantity of light of next light emitting element stored in the memory 13 and delivers the result to the section 15.

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